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Serial No. 09/348,618

Specifications Amendments

In the specifications please amend the following paragraphs as marked up:

BACKGROUND

The present application is a continuation-in-part of co-pending U.S. Patent Application serial number 09/173,236 filed 10/15/98 entitled "Height Adjustable Pedestal for Chairs and Tables", which is a continuation-in-part of U.S. Patent Application serial number 08/925,088 filed 09/08/97 entitled "Height Adjustable Work Chair Having a Non-Swivel Seat" by the same inventor as the present application. ~~That These applications~~ application is ~~are~~ incorporated herein by this reference. The present application also claims the benefit under 35 U.S.C. 119E of U.S. Provisional Patent Applications serial number 60/091,800 filed 07/06/98 entitled "Height Adjustable Tables", and serial number 60/092,699 filed 07/14/98 entitled "Tube Release Mechanism for Gas or Hydrometallic Springs" by the same inventor as the present application.

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Please replace the second paragraph of page 2 with the following:

Height adjustment is increasingly seen as a desirable feature of tables as well. Height adjustable pedestals using a single telescoping as spring mechanism have been used in height adjustable tables that are typically of a type having a small circular table top. These height adjustable tables are designed as small meeting tables and are of limited use in the modern workplace. Specifically these height adjustable tables do not address the needs of computer users who ~~which~~ desire a work desk which is at the proper height. These tables are not able to support the weight of computer equipment, nor are these tables designed to be used as a desk. The available height adjustable tables which use a single gas spring also do not address the needs of disabled workers.

Please replace the twelfth paragraph of page 6 with the following:

FIGS 7 shows a side view of a version of a height adjustable stool of the present invention while FIGS 7a, 7b and 7c show cutaway side views of various bottom attachments of this version.

Please replace the fourth paragraph of page 7 with the following:

FIG 9B shows a second side view of a version of a height adjustable column table of the present invention.

Please replace the tenth paragraph of page 7 with the following:

FIG 1 shows a portion of a first version of the height adjustable column used in the present invention. FIG. 1 is also what is believed to be the simplest application of this version of the invention. This figure shows how a locking telescoping spring ~~mechanism mechanisms~~ 10 which is secured within a furniture component support 20 can be actuated, or unlocked, by a dual pivoting actuation lever 100 which in this example is disposed within the furniture component support.

Please replace the second paragraph of page 8 with the following:

The actuation lever 100 is shown having three sections. A first lever section 102 is disposed outside the first upright wall 25. The first lever section includes a distal end

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104, and a proximate end 106, relative to the first upright wall 25. A second actuation lever section 108 extends from the interior of the opening 24 of the first upright wall 25 to the opening 26 of the second upright wall 27. The second actuation section 108 includes a first end 110 disposed within the opening 24 and a second end 112 disposed within the opening 26. The actuation lever second section 108 further includes a middle section 114 which is disposed immediately above the actuation button 12 ~~112~~. An actuation lever third section includes a distal end 118 and a proximate end 120, relative to the second upright wall 27.

Please replace the first paragraph of page 13 with the following:

The spring actuation button 512 extends within the interior of the top tube to a position above the support surface 516. The actuation mechanism is shown immediately above the actuation button. Part of the actuation mechanism is broken away to aid in viewing the interaction ~~of the actuation mechanism~~ of the actuation mechanism with the top tube and the actuation button. The actuation mechanism is similar to the mechanism which was previously shown and described in FIG. 3. The actuation mechanism includes a first lever that includes a first section 530, a second section 532, and a third section 534. A second lever which is orthogonally disposed relative to the first lever has been removed due to the cross sectioning of the invention within this drawing. A ring 536 is partially shown which connects the distal ends of the two orthogonally disposed levers.

Please replace the first paragraph of page 14 with the following:

A seat support plate 518 is supported by the top tube 514. A seat cushion 520 is similarly supported by the seat support plate 518. It is understood that many different types of seat support mechanisms, such as those incorporating tilt mechanisms, back rest mechanisms, etc., would be usable with the stool.

Please replace the second paragraph of page 15 with the following:

FIG. 7 also shows ~~show~~ how a second actuation ring 764 can be supported by vertical members 760 and 762 and a horizontal member 766.

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Please replace the fifth paragraph of page 15 with the following:

An actuation lever 830 is shown supported by the top tube. The actuation lever 830 includes a first handle section 832 and a second section 834. An eccentrically disposed cam lobe 836 is included on the center of the lever second section. The second section is shown supported at two positions on the cylindrical wall of the top tube 815 at the locations where the actuation lever passes through the cylindrical wall. Retaining collars ~~838~~ 836 and 840 maintain the position of the cam lobe immediately above the actuation button 812.

Please replace the second paragraph of page 17 with the following:

FIG. 10 shows a modified version of the actuation mechanism of FIG. 3. In this version, a first bottom actuation lever ~~1000~~ ~~1100~~ is overlapped by a second top actuation lever ~~1040~~ ~~1140~~ which is disposed immediately above the bottom lever. The bottom of first lever includes a first section ~~1002~~ ~~1102~~, a second section ~~1004~~ ~~1104~~, and a third section ~~1006~~ ~~1106~~. The bottom lever second section extends between elongated openings ~~1022~~ ~~1122~~ and ~~1026~~ ~~1126~~ which are disposed in a first wall section ~~1021~~ ~~1121~~ and a second wall section ~~1025~~ ~~1125~~ respectively. The bottom lever is disposed so the second section contacts the top fulcrum surfaces ~~1024~~ ~~1124~~ and ~~1028~~ ~~1128~~ of the elongated openings, while the lever contacts the actuation button.

Please replace the third paragraph of page 17 with the following:

The top or second actuation lever ~~1040~~ ~~1140~~ includes a first section ~~1042~~ ~~1142~~ a second section ~~1044~~ ~~1144~~ and a third section ~~1046~~ ~~1146~~. The top lever second section extends between elongated openings ~~1032~~ ~~1132~~ and ~~1036~~ ~~1136~~ which are disposed in third and fourth walls ~~1033~~ ~~1133~~ and ~~1035~~ ~~1135~~ respectively. The top lever is disposed so that the second section contacts the top fulcrum surfaces ~~1034~~ ~~1134~~ and ~~1038~~ ~~1138~~ of the elongated openings ~~1032~~ ~~1132~~ and ~~1036~~ ~~1136~~. The bottom of the top lever second section contacts the top of the bottom lever second section. The elongated openings ~~1032~~ ~~1132~~ and ~~1036~~ ~~1136~~ are disposed at an elevation above the elongated openings ~~1022~~ ~~1122~~ and ~~1026~~ ~~1126~~.

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Please replace the fourth paragraph of page 17 with the following:

In ~~use~~, ~~use~~ either of the ~~levers~~ lever can be pivoted upward or downward as was the case for the mechanism of FIG. 3. However, as the top or second lever is supported on the bottom or first lever, the pivoting of the top lever ~~1040~~ ~~1140~~ will result in the second section of the top lever pushing downward on the second section of the bottom lever. This causes the second section of the bottom lever to depress the actuation button ~~1012~~ ~~1112~~.

Please replace the first paragraph of page 18 with the following:

The bottom lever ~~1104~~ ~~1204~~ as is shown in FIG. 11A includes a center portion ~~1145~~ ~~1245~~ from which a portion of the outside diameter of the lever has been removed. Adjacent to the center portion ~~1145~~ ~~1245~~ are cam lobes ~~1107~~ ~~1207~~ and ~~1109~~ ~~1209~~ which are of a larger diameter, and will depress the actuation button ~~1112~~ ~~1212~~ if the lever is rotated clockwise or counter ~~clockwise~~ ~~clockwise~~.

Please replace the second paragraph of page 18 with the following:

The bottom lever also includes a reduced diameter section on the top of the center portion ~~1111~~ ~~1211~~ for interaction with the top lever.

Please replace the third paragraph of page 18 with the following:

As is shown in FIG. 11B, the top lever also includes a center portion ~~1146~~ ~~1245~~ of reduced diameter which rests in the recess of ~~1111~~ ~~1211~~ of the first lever. Upon rotation of the second lever, one of the two cam lobes ~~1147~~ ~~1247~~ and ~~1149~~ ~~1249~~, which are adjacent to the center position, will press downward on the first lever and cause the first lever to depress the actuation button ~~1112~~ ~~1212~~.

Please replace the fifth paragraph of page 18 with the following:

Additionally, a cable actuation mechanism is shown which includes four actuation cables 1220, 1222, 1224, and 1226, which are each attached to a single actuation lever. The actuation cables pass through housings 1221, 1223, 1225, and 1227 respectively. A handle 1228 is attached to each cable and will pull each cable equally, and

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simultaneously, thus ~~actuation~~ actuating the locking telescoping spring mechanism of each leg.

Please replace the first paragraph of page 25 with the following:

A height adjustable supporting structure for furniture components comprises at least one height adjustable leg. Each leg includes a height adjustable column that includes a locking telescoping spring mechanism. The locking telescoping spring mechanism includes a valve actuation button that extends outwardly from the mechanism. The height adjustable column further includes at least first and second substantially upright opposing surfaces disposed at substantially the vertical position of the valve actuation button on the telescoping spring mechanism. The first and second upright surfaces each include ~~including~~ an enlarged opening. An actuation lever is disposed on the height adjustable column and includes a first handle section disposed outside the first substantially upright surface, and a second section disposed between the first and second upright surfaces and extending from the opening of the first substantially upright surface to the opening within the second substantially upright surface. The enlarged openings of the first and second substantially vertical surfaces each include a fulcrum bearing surface on which the second section of the lever may pivot. The second section of the actuation lever is disposed adjacent to the valve actuation button. ~~lever~~. Pivoting of the lever on the fulcrum bearing surface of the first or second substantially upright surfaces will result in the second section of the actuation lever engaging and depressing the valve actuation button. ~~lever~~.